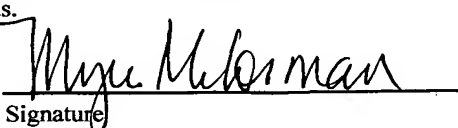


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| <b>FORM PTC-1</b><br>(Rev. 11-98)   |  | <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b> |  | <b>ATTORNEY'S DOCKET NUMBER PRD-2014</b>                                   |  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |  |  |  | <b>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</b><br><b>10/507084</b> |  |
| <b>INTERNATIONAL APPLICATION NO.</b><br>PCT/EP03/02510  |  | <b>INTERNATIONAL FILING DATE</b><br>March 11, 2003             |  | <b>PRIORITY DATE CLAIMED</b><br>March 13, 2002                             |  |
| <b>TITLE OF INVENTION</b><br>PIPERAZINYL-, PIPERIDINYL- AND MORPHOLINYL-DERIVATIVES AS NOVEL INHIBITORS OF HISTONE<br>DEACETYLASE   |  |  |  |  |  |
| <b>APPLICANT(S) FOR DO/EO/US :</b> Kristof Van Emelen   |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |  |  |  |  |
| <div>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</div> <div>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</div> <div>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</div> <div>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</div> <div>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<div>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</div><div>b. <input type="checkbox"/> has been transmitted by the International Bureau.</div><div>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</div></div> <div>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</div> <div>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<div>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</div><div>b. <input type="checkbox"/> have been transmitted by the International Bureau.</div><div>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</div><div>d. <input type="checkbox"/> have not been made and will not be made.</div></div> <div>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</div> <div>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</div> <div>10. <input type="checkbox"/> A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</div> <div>Items 11. to 16. below concern document(s) or information included:</div> <div>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</div> <div>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</div> <div>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.<div><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</div></div> <div>14. <input type="checkbox"/> A substitute specification.</div> <div>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</div> <div>16. <input checked="" type="checkbox"/> Other items or information: Copy of the International Preliminary Examination Report; Copy of the International Search Report; copy of the PCT Request form and The International Published Application</div> |  |  |  |  |  |

|   |              |   |            |                                      |          |
|---|--------------|---|------------|--------------------------------------|----------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.3)<br><b>10/507084</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/EP03/02510 |            | ATTORNEY'S DOCKET NUMBER<br>PRD-2014 |          |
| 17. <input checked="" type="checkbox"/> The following fees are submitted:<br>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):<br><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO..... \$970.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO..... \$840.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but international search fee (37 CFR 1.455(a)(2)) paid to USPTO..... \$760.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to<br>USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$670.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to<br>USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$96.00<br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |              |   |            | CALCULATIONS PTO USE ONLY            |          |
|   |              |   |            |                                      |          |
|   |              |   |            |                                      |          |
|   |              |   |            |                                      |          |
|   |              |   |            |                                      |          |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              |   |            | \$                                   |          |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA                                    | RATE       |                                      |          |
| Total claims  | 13 - 20 =    |   | x \$18.00  | \$                                   |          |
| Independent claims  | 1 - 3 =      |   | x \$78.00  | \$                                   |          |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   | + \$260.00 | \$                                   |          |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |            | \$                                   |          |
| Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).  |              |   |            | \$                                   |          |
| <b>SUBTOTAL =</b>   |              |   |            | \$840.00                             |          |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |   |            | \$                                   |          |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |            | \$840.00                             |          |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  |              |   |            | \$                                   |          |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |            | \$840.00                             |          |
|   |              |   |            | Amount to be refunded:               | \$       |
|   |              |   |            | charged:                             | \$840.00 |
| a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.<br><br>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>10-0750/PRD2014/MHM</u> in the amount of \$840.00 to cover the above fees. A duplicate copy of this sheet is enclosed.<br><br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>10-0750/PRD2014/MHM</u> . A duplicate copy of this sheet is enclosed.<br><br>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.   |              |   |            |                                      |          |
| SEND ALL CORRESPONDENCE TO:<br><br>Philip S. Johnson, Esq.<br>Johnson & Johnson<br>One Johnson & Johnson Plaza<br>New Brunswick, NJ 08933-7003<br>USA   |              |   |            |                                      |          |
| <br>Signature<br><br>Myra H. McCormack<br>Reg. No. 36,602<br>Attorney for Applicants  |              |   |            |                                      |          |

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Applicant: Kristof Van Emelen

For : PIPERAZINYL-, PIPERIDINYL- AND MORPHOLINYL-  
DERIVATIVES AS NOVEL INHIBITORS OF HISONE  
DEACETYLASE

Express Mail Certificate

"Express Mail" mailing number: EV 313406334 US

Date of Deposit: September 8, 2004

I hereby certify that this complete application, including specification pages, and claims, and the international search report, the international preliminary report, the international published report, a preliminary amendment, and the PCT request form are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Laurie Phillips

(Typed or printed name of person mailing paper or fee)

*Laurie Phillips*

(Signature of person mailing paper or fee)